INTERNATIONAL SEARCH REPORT

International application No. PCT/JP02/13003

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ G02B26/08, G02B26/02			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
Int.Cl ⁷ G02B26/08, G02B26/02			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Therewoo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2003			
Jitsuyo Shinan Koho 1922–1996 Toloku Utsayo Shinan Koho 1922–1996 Toloku Utsayo Shinan Koho			
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.
- A	JP 2000-258704 A (Japan Aviat	ion Electronics	1-34
f l	Industry Ltd.),		
	22 September, 2000 (22.09.00)		
	& EP 1033601 A1		
A	JP 2000-258702 A (Japan Aviat	tion Electronics	1-34
	Industry Ltd.),		
	22 September, 2000 (22.09.00)	,	
	& EP 1033601 A1		
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Further documents are listed in the continuation of Box C. See patent family annex.			-
* Special categories of cited documents: * T' later document published after the international filing date or priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not in conflict with the application but cited to priority date and not cited to priority date and not cited to priority date and not cited to priority date an			the application out cited to
	ocument defining the general state of the art which is not understand the principle or theory underlying the invention understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be arrived and inventive an inventive an inventive and		
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"L" date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other "		step when the document is taken alone 'Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
1	al reason (as specified) ment referring to an oral disclosure, use, exhibition or other	combined with one or more other su	ch documents, such
	combination being obvious to a person skilled in the art		
then the priority date claimed			
Date of the actual completion of the international search Date of mailing of the international search			
17	March, 2003 (17.03.03)	01 April, 2003 (0	1.04.03/
Name and	mailing address of the ISA/	Authorized officer	
Jap	vanese Patent Office		
Foogimile No.		Telephone No.	